32. (New) A computer-readable medium carrying one or more sequences of instructions for facilitating Internet security protocol (IPsec) based communications through a device that employs address translation in a telecommunications network, which instructions, when executed by one or more processors, cause the one or more processors to carry out the steps of:

receiving a first electronic message from a first node, wherein the first electronic message is based on IPsec and is associated with a first identifier;

generating a value based on the first identifier;

sending the first electronic message to a second node;

receiving a second electronic message from the second node, wherein the second electronic message is based on IPsec and is associated with a second identifier that is different than the first identifier, wherein the second identifier is generated based on the first identifier;

determining whether the second electronic message is directed to the first node based on the value and the second identifier; and

sending the second electronic message to the first node when the second electronic message is determined to be directed to the first node.

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33. (New) A computer-readable medium carrying one or more sequences of instructions for facilitating Internet security protocol (IPsec) based communications through a device that employs address translation in a telecommunications network, which instructions, when executed by one or more processors, cause the one or more processors to carry out the steps of:

receiving a first electronic message from a first node, wherein the first electronic message is based on IPsec and is associated with a first identifier, wherein the first identifier is generated based on a second identifier and the first identifier is different than the second identifier;

sending the first electronic message to a second node;

receiving a second electronic message from the second node, wherein the second electronic message is based on IPsec and is associated with the second identifier;

generating a value based on the second identifier;
determining whether the second electronic message is directed to the first node based on the value and the first identifier; and
sending the second electronic message to the first node when the second electronic message is determined to be directed to the first node.

34. (New) A computer-readable medium carrying one or more sequences of instructions for facilitating Internet security protocol (IPsec) based communications with a device that employs address translation in a telecommunications network, which instructions, when executed by one or more processors, cause the one or more processors to carry out the steps of:
generating a value based on a first identifier that is associated with a first node;
generating a second identifier based on the value;
receiving, from the device that employs address translation, a first electronic message that originates from the first node, wherein the first electronic message is based on IPsec and is associated with the first identifier;
in response to receiving the first electronic message, generating a second electronic message to the first node, wherein the second electronic message is based on IPsec and is associated with the second identifier;
sending the second electronic message to the device that employs address translation;
wherein the device determines whether the second electronic message is directed to the first node based on the second identifier and an additional value based on the first identifier; and
wherein the device sends the second electronic message to the first node when the device determines that the second electronic message is directed to the first node.